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Stacy J. Wyatt  
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Signature

**PATENT APPLICATION**  
**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

First Applicant: LU, JIANLIANG

Group Art Unit:

Serial No.:

Examiner:

Application Date:

Conf No.:

US Nat'l Entry

Date (if applicable):

For: VITAMIN D RECEPTOR MODULATORS  
Docket No.: X16541

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

As a means of complying with the duty of disclosure, Applicants submit an "Information Disclosure Citation In An Application" on a Form PTO-1449 (modified) and provides a copy of each of the listed non patent documents for consideration by the Examiner.

Since this Statement is being filed in accordance with 37 C.F.R. 1.97(b), Applicants submit that no additional fee is required. Applicants request consideration of this information.

Respectfully submitted,

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12 May 2006

FORM PTO 1449 (modified)  INFORMATION DISCLOSURE CITATION IN AN APPLICATION	Atty. Docket No. X-16541	Serial No. 101570564 «Application Number»
	First Applicant LU, JIANLIANG	
	Application Date «Application_Date» US Nat'l Entry (if applicable) «NationalEntryDate»	Group Art Unit «GroupArtUnit»

<u>U.S. PATENT DOCUMENTS</u>					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Pages or Relevant Figures Appear
	AA	US 6,531,459 B1	03-11-2003	Steinmeyer, A et al	
	AB	US 6,218,430 B1	04-17-2001	Allegretto, E. et al	
	AC	US			

<u>FOREIGN PATENT DOCUMENTS</u>					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	BA				T <sup>6</sup>

<u>NON PATENT LITERATURE DOCUMENTS</u>					
Examiner Initials*	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s) publisher, city and/or country where published.			
	CA	Carsten Carlberg & Antonio Mourino: Expert Opinion, vol. 13, no. 6, 2003, pages 761-772, XP002331659, pages 763-765.			
	CB	Masahiko Inouye, Toshiyuki Miyake, Masaru Furusyo, Hiroyuki Nakazumi: "Molecular recognition of beta-Ribofuranosides by synthetic polypyridine-macrocyclic receptors" J.Am. Chem. Soc. Vol. 117, 1995, pages 12416-12425, XP001206518.			
	CC	Ping Huang, John Ramphal, James Wei, Congxin Liang, Bahija Jallal, Gerald McMahon and Cho Tang: "Structure-based design and discovery of novel inhibitors of protein tyrosine phosphatases" Bioorganic & Medicinal Chemistry, vol. 11, 2003, pages 1835-1849, XP001206517.			
	CD	BOEHM, M., "Novel Nonsecosteroidal Vitamin D Mimics Exert VDR-modulating Activities" Chemistry & Biology, 1999, 265-275, vol 6(5).			
	CE	NAGPAL, S. et al. "Vitamin D Analogs: Mechanism of Action of Therapeutic Applications", Curr. Med. Chem. 2001, 1661-1679, vol.8.			

Examiner Signature		Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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	Application Date «Application_Date» US Nat'l Entry (if applicable) «NationalEntryDate»	Group Art Unit «GroupArtUnit»

	CF	BOUILLOU R., et al. <i>Endocrine Rev.</i> 1995, 200-257, vol. 16,	
	CG	SWANN et al. "Rational Design of Vitamin D3 Analogues Which Selectively Restore Activity to a Vitamin D Receptor Mutant Associated with Rickets" <i>Org. Lett.</i> 2002, p1863- 3866 vol. 4.	
	CH	SWANN et al. "Structure-Based Design of Selective Agonists for a Rickets-Associated Mutant of the Vitamin D Receptor" <i>J. Am. Chem. Soc.</i> 2002 13795-13805, vol. 124.	

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two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached. Burden Hours Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case.

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